PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No.		500.42943X00					
		First Inventor		YAMAMOTO, AKIO					
			NG APPARA	TUS AND	GAIN CONTROL METHOD	S. P.			
(Only for riew nonprovisional applications under 37 CFR 1.53(b))	Express M	fail Label No.	CONTROL A	30 AND	STEP CONTROL AGC	5,6			
APPLICATION ELEMENTS	L	ADDRESS		tant Com	missioner for Patents	07.0			
SEE MPEP chapter 600 concerning utility patent application of	contents.	ADDRESS		nington, D		19			
1. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages: 43] -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Pages: 13] 5. Oath or Declaration [Total Pages: 4] a. Newly executed (original or copy)		8. Nucleotide fif applicable a. Com b. Specificat i c. State AC 9. Assi 10. 37 C (whe 11. Eng 12. Infor	and/or Amino le, all necessa puter Readabl ion Sequence CD-ROM paper ements venifyin gnment Paper FR 3.73(b) St en there is an a	n (Appendance Acid Sequency) le Form (County) le Form (Co	uence Submission CRF) 1: 2 copies); or y of above copies PLICATION PARTS sheet & documents(s)) Power of Attorney	ns			
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) Application Data Sheet. See 37 CFR 1.76		14. Retu (Shc 15. Cert (if for 16. Non (b)(2 or its 17. Other	2)(B)(i). Applio s equivalent. er: Figs. 1-1	estcard (M cally item Priority Do s claimed equest und cant must	ized) cument(s)) der 35 U.S.C. 122 attach form PTO/SB/35 it Card Payment Form,	4			
Information Disclosure Sheet Under 37 CFR 1.56 w/refs, 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:									
Pnor application information: Examiner: Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS									
Customer Number or Bar Code Label (Insert Customer No or Affach bar code label here)									
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP									
Address									
Address City	State			Zip					
<u> </u>				Code					
	Telephone	(703) 312-6600		Fax	(703) 312-6666				
Name Melvin Kraus/ Registration No. (Attorney/Agent) 22,466									
Signature MAAAA PW				Date	July 14, 2003				

Fee Paid

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Art Unit

Entity

Fee

(\$)

Fee

Code

1051 130

1052 50

1804 9201

1805 1,840* 1805

1251 110

1252 410

1253 930

1254 1,450

1255 1.970

1807 50

1802

1053 130

1812 2,520

ADDITIONAL FEES Large

Fee

Code

2051

2052

1053

1812

1804

2251

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Effective 01/01/2003. Patent fees are subject to annual revision.

Complete if Known Application Number Filing Date July 14, 2003 First Named Inventor YAMAMOTO, AKIO Examiner Name

FEE CALCULATION (continued)

Fee Description

Surcharge - late filing fee or oath

Non-English specification

1,840*Requesting publication of SIR after

Examination action

Examiner action

Notice of Appeal

Request for oral hearing

Surcharge - late provisional filing fee or

2,520 For filing a request for ex parte reexamination

Requesting publication of SIR prior to

Extension for reply within first month

Extension for reply within third month

Extension for reply within fourth month

Extension for reply within fifth month

Filing a brief in support of an appeal

1,510 Petition to institute a public use proceeding

Processing fee under 37 CFR 1.17(q)

Recording each patent assignment per

property (times number of properties)

Filing a submission after final rejection

Request for expedited examination

of a design application

Submission of Information Disclosure Stmt

Petition to revive - unavoidable

Petition to revive - unintentional

Extension for reply within second month

Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 1,070.00

Attorney Docket No 500.42943X00

Entity

Fee

(\$)

65

25

130

920*

55

205

465

725

985

160

160

140

55

650

50

cover sheet

METHOD OF PAYMENT (check all that apply)

□ Check ☑ Credit Card □ Money Order □ Other □ None Deposit Account:

Deposit Account Number 01-2135 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP

The Commissioner authorized to: (check all that apply) ☐ Charge fees indicated below ☐ Credit any overpayments Charge any additional fee(s) during the pendency of this application

Charge fees indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE Entity Small Entity Large Fee Description Fee Code (\$) Code (\$) 2001 375 Utility filing fee 1001 750 1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee

1004

Total Claims 13

Multiple Dependent

Fee

(\$)

280

Entity

Code

2202

2201 42

2203

2204 42

2205 9

Fee

Indep.

Claims

Large

Code

202

1203

204 84

1205 18

1201 84

750

1005 160 2005 80 Provisional filing fee SUBTOTAL (1) 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

-20** = 0

-3** = 0

Fee

(\$)

140

Extra Claims

Small Entity

or number previously paid, if greater, For Reissues, see above

2004 375 Reissue filing fee

Fee from

below

x. 18

x 84

280

Fee Description

Claims in excess of 20

over original patent

Independent claims in excess of 3

Multiple dependent claim, if not paid

** Reissue independent claims

SUBTOTAL (2) \$ 280.00

* Reissue claims in excess of 20 and over original patent

1401 320 320 1402 1403 750.00

Fee Paid

750.00

Fee Paid

280.00

0

0

280 2403 1451 1,510 1451 1452 110 2452

1453 1,300 2453 1501 1,300 2501

650 Utility issue fee (or reissue) 1502 470 2502 235 Design issue fee 1503 630 2503 315 Plant issue fee 1406 130 1460 130 Petitions to the Commissioner

1807

1806 180 1806 180 8021 40 8021 40 750 2809 375 1809

(37 CFR § 1.129(a)) 750 2810 For each additional invention to be 1810 375 examined (37 CFR § 1,129(b)) 750 2801 375 Request for Continued Examination (RCE) 1801

1802

Other fee (specify)_

900

Reduced by Basic Filing Fee Paid Complete (if applicable)

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY Melvin Kraus Name (Print/Type) Signature

Registration No (Attorney/Agent) 22,466

Telephone

703-312-6600 July 14. 2003

40.00

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1 17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.